

### Basic features

Application	Welding area
Approval/Conformity	CE WEEE

### Electrical connection

Bending radius min., fixed cable	8 x D
Bending radius min., flexible cable	15 x D
Cable	TPE welding spark resistant gray, 5 m
Cable diameter D	4.80 mm ±0.20 mm
Conductor cross-section	0.34 mm <sup>2</sup>
Connection	M8x1-Female, straight, 4-pin, A- coded
Connector configuration	Straight
Number of conductors	4
Number of pins	4
System	Molded

### Electrical data

Operating voltage $U_b$	60 VDC / 60 VAC
Rated current (40 °C)	4.0 A

### Remarks

Flame-retarding  
 Maximum temperature at outer jacket from weld spatter/beads short-time 800°C.  
 Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

### Environmental conditions

Cable temperature, fixed routing	-50...130 °C
Cable temperature, flexible routing	-40...125 °C
IP rating	IP65

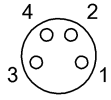
### Material

Cable jacket material, note	welding spark resistant
Cable jacket, material	TPE
Material contact carrier	PUR, special
Material contacts	Bronze
Material cover nut	Brass PTFE coated
Material grip	PUR, special

### Mechanical data

Cable jacket, color	gray
Cable length L	5.00 m
Tightening torque pigtail	0.4 Nm

## Connector Drawings



PIN 1: brown  
PIN 2: white  
PIN 3: blue  
PIN 4: black

## Wiring Diagrams

